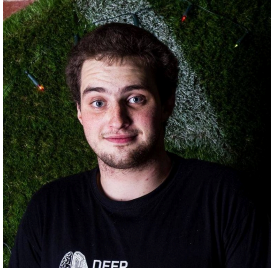


# Arsenii Ashukha

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## Summary





I am a second year Master Student at MIPT also I do research at Bayes Group under supervision of prof. Dmitry Vetrov. My research is focused on Bayesian regularization of deep neural nets. At MIPT, MSU, HSE I teach several Machine Learning courses. To see the publication list visit my scholar profile.

**Skills:** Machine Learning, Deep Learning, Bayesian ML, Python, Hadoop, Linux, Fluent English

## Education

- |                              |  |   |
|------------------------------|--|---|
| <b>2015 - 2017</b><br>Thesis | Master, <i>Machine Learning</i> , Moscow Institute of Physics and Technology, GPA: 9.0/10.0<br><i>Variational Dropout Sparsifies DNNs</i> , Supervisor: Prof. D. Vetrov (HSE), A. Dral (MIPT)  |  |
| <b>2015 - 2016</b><br>Result | Irregular Student, <i>Machine Learning</i> , Yandex School of Data Analysis, GPA: 4.8/5.0<br><i>Six courses were passed and the favorites are Bayesian ML, Deep Learning, Machine Learning</i> |  |
| <b>2011 - 2015</b><br>Thesis | Bachelor, <i>Computer Science</i> , Bauman Moscow State Technical University, GPA: 3.7/5.0<br><i>Building of Uncorrelated Kernels for Topic Models</i> , Supervisor: N. Loukachevitch (MSU)    |  |

## Experience

- |  |   |   |
|--|---|---|
| <b>Mar 2017 - Now</b>                            | <b>HSE, Moscow</b> — Intern Researcher at Lab of DL and Bayesian ML<br>- Research on efficient training of DNNs all details are hidden under NDA<br><i>Chief:</i> Dmitry Vetrov ( <a href="mailto:vetrovd@yandex.ru">vetrovd@yandex.ru</a> )  |    |
| <b>Jun 2016 - Aug 2016</b><br>3 month            | <b>Yandex, Moscow</b> — Intern at Music Deep Learning Group<br>- Searching similar tracks and building recommendation features using DNN<br><i>Chief:</i> Eugene Krofto ( <a href="mailto:singleton@yandex-team.ru">singleton@yandex-team.ru</a> )  |  |
| <b>Dec 2013 - Feb 2016</b><br>2 year 1 month p/t | <b>Rambler, Moscow</b> — R&D Engineer at Machine Learning Group<br>- Improving the quality and performance of user classification using browser history<br>- Recommendations system for the news posts on <a href="http://rambler.ru">rambler.ru</a><br><i>Chief:</i> Pavel Klemenkov ( <a href="mailto:pklemenkov@gmail.com">pklemenkov@gmail.com</a> ), Anton Gorokhov ( <a href="mailto:anton.gorokhov@gmail.com">anton.gorokhov@gmail.com</a> ) |  |
| <b>Jun 2013 - Aug 2013</b><br>3 month            | <b>Rambler, Moscow</b> — Intern at Search Group<br>- Users query classification to show a mixing in search results<br><i>Chief:</i> Max Karpenko ( <a href="mailto:v3dmax@gmail.com">v3dmax@gmail.com</a> )   |  |

## Teaching

- **Feb 2016 - Feb 2017:** Practical Lecturer of **Machine Learning** course at MIPT (parts 1,2)
- **Sep 2016 - Now:** Lecturer of several classes of Deep Learning courses at MSU and HSE
- **Oct 2016 - Now:** Lecturer of DL part of Data Mining in Action course, YouTube records in Russian ☺
- **Feb 2017 - Now:** Lecturer of DL part in Machine Learning course at MIPT
- **Feb 2017 - Now:** Co-head of Scientific Machine Learning seminar for MIPT and HSE Yandex students